

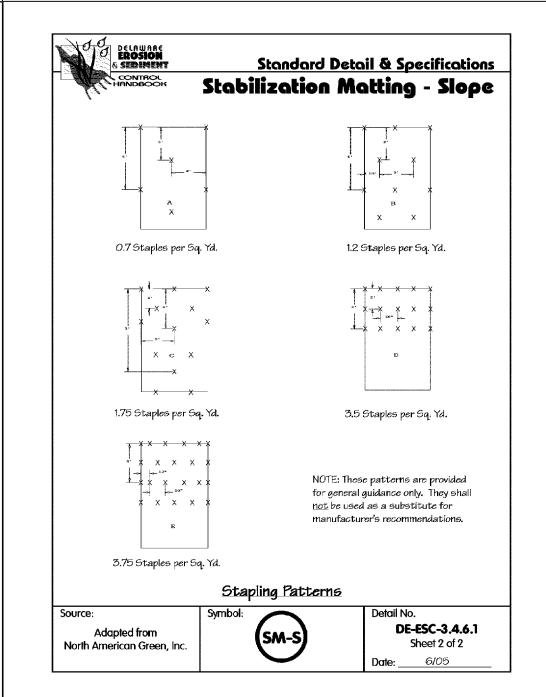
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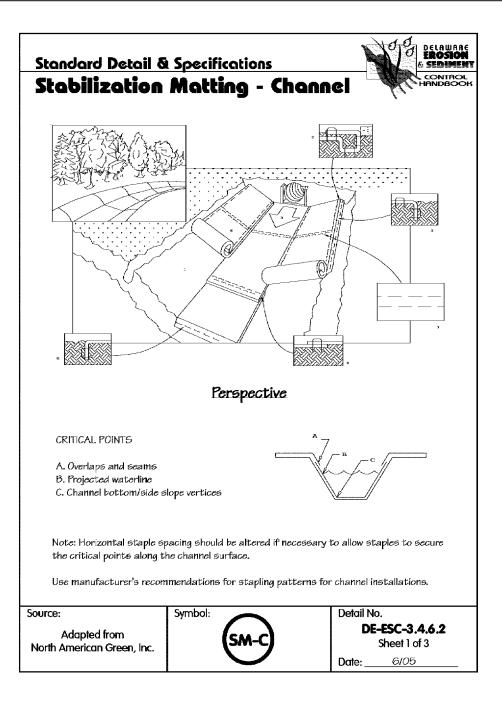
North American Green, In

DE-ESC-3.4.1

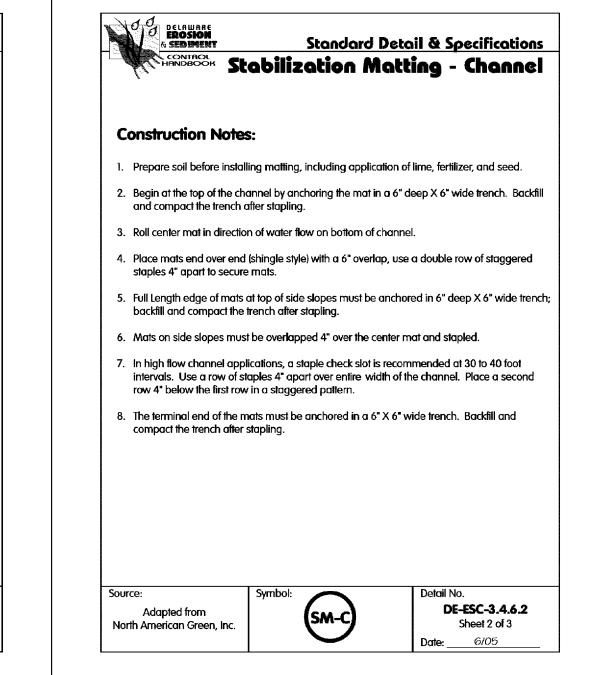
Sheet 2 of 2

Date: ____03/13

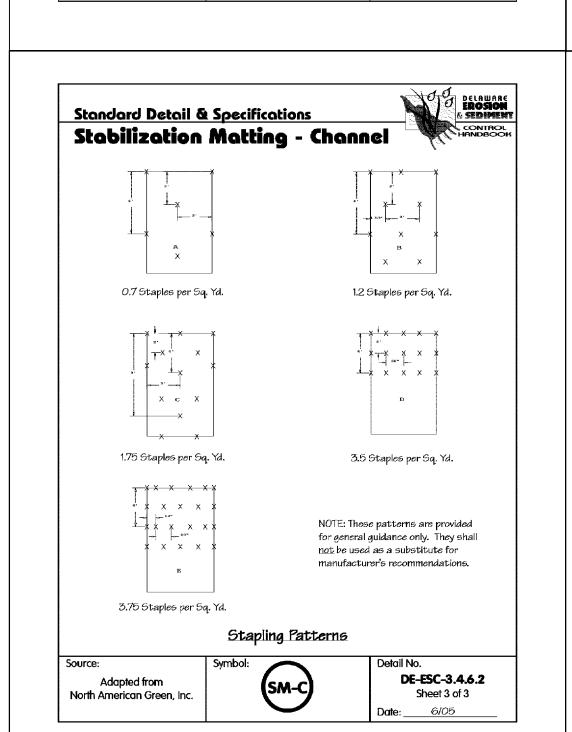




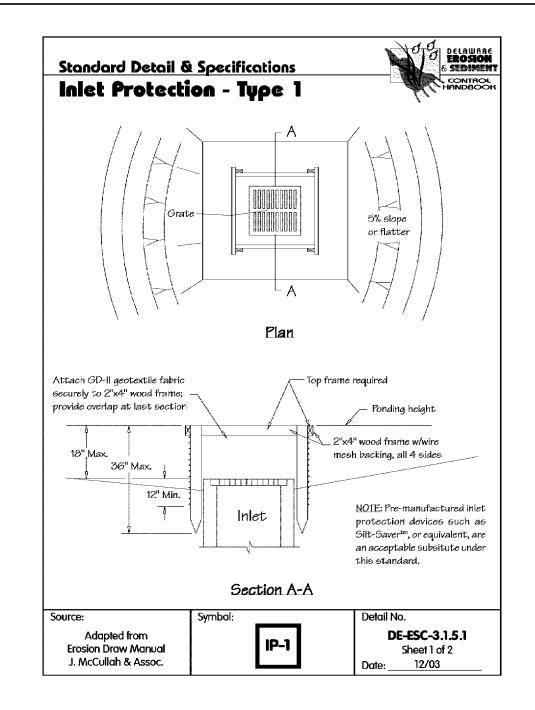
DE-ESC-3.1.2.2



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USDA - NRCS

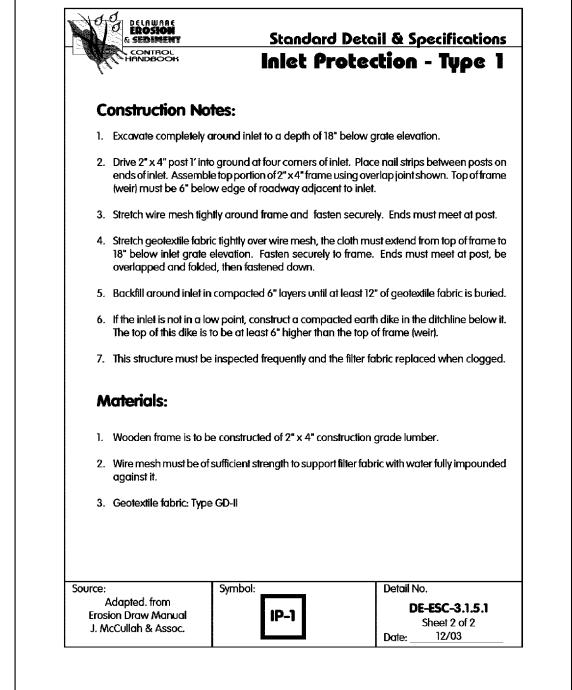


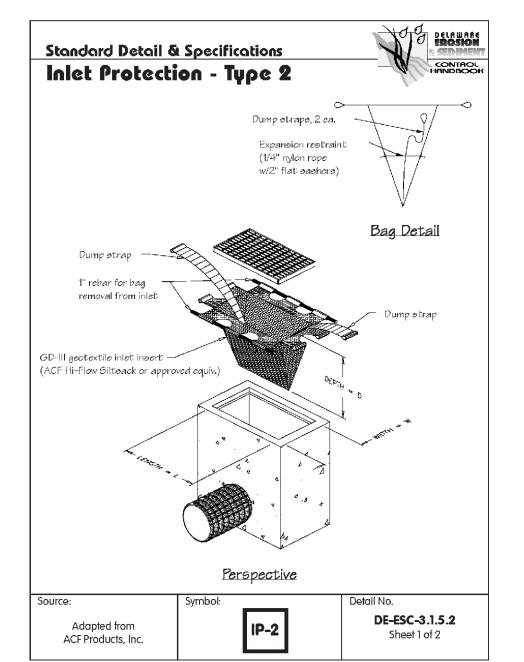
SOIL STABILIZATION MATTING TYPE 1 (SSM-1) SHALL BE USED FOR FILTER STRIP STABILIZATION.

EXAMPLE PRODUCTS INCLUDE NORTH AMERICAN GREEN S75BN AND EAST COAST EROSION

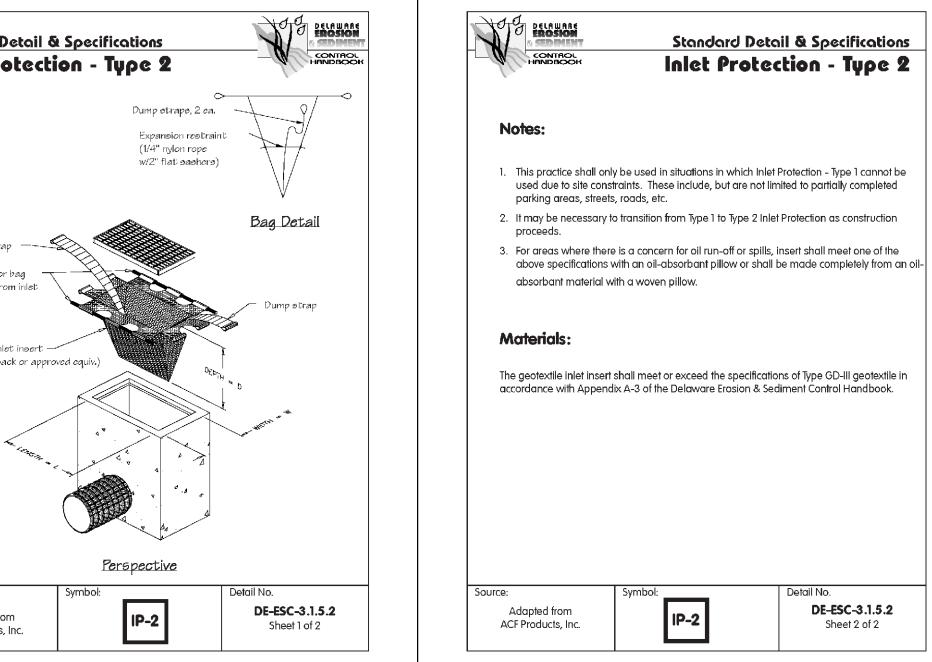
DE-ESC-3.4.6.1

Sheet 1 of 2





Effective October 2015



DESIGNED BY: DRAWN BY: **CHECKED BY: NOVEMBER 14, 2016** SCALE: NOT TO SCALE SHEET NO.: **SWM1.3** CONTRACT NO.: 2016-WCCSP-100

PLANS

STORMWATER MANAGEMENT

SEDIMENT

CIVIL ENGINEER:

CENTURY ENGINEERING

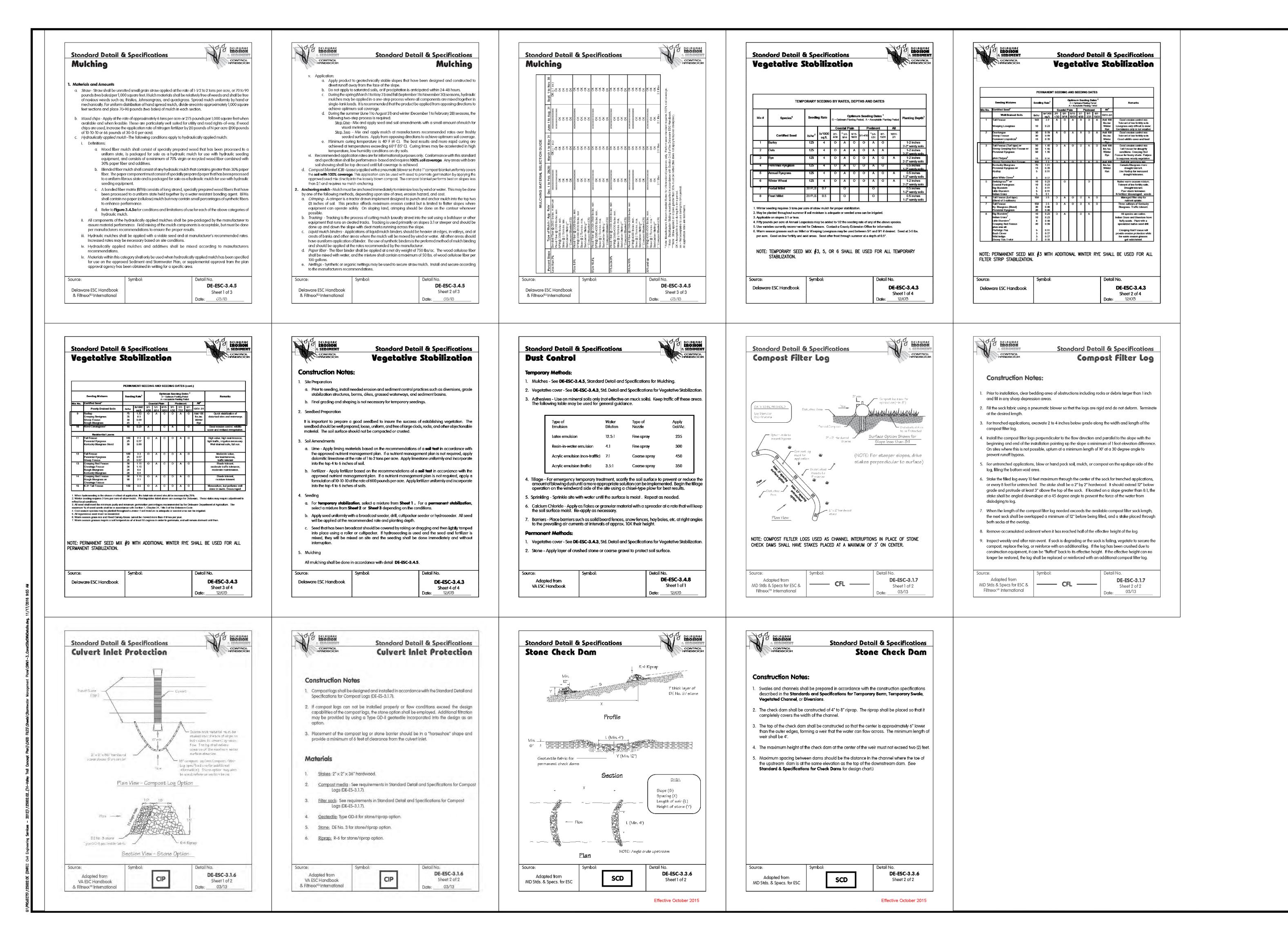
CONSULTING ENGINEERS, SURVEYORS

4134 N. DUPONT HWY. DOVER, DELAWARE 19901

CEI CONTRACT NO. WCCSP-7A

TRI-VALLEY TRAIL

WCCSP .



PLANS

STORMWATER MANAGEMENT

SEDIMENT

CIVIL ENGINEER:

DESIGNED BY:

DRAWN BY:

CHECKED BY:

SCALE:

SHEET NO.:

CONTRACT NO.:

NOVEMBER 14, 2016

NOT TO SCALE

SWM1.4

2016-WCCSP-100

CENTURY ENGINEERING

CONSULT<u>ING ENGINEERS, SU</u>RVEYORS 4134 N. DUPONT HWY. DOVER, DELAWARE 19901

CEI CONTRACT NO. WCCSP-7A

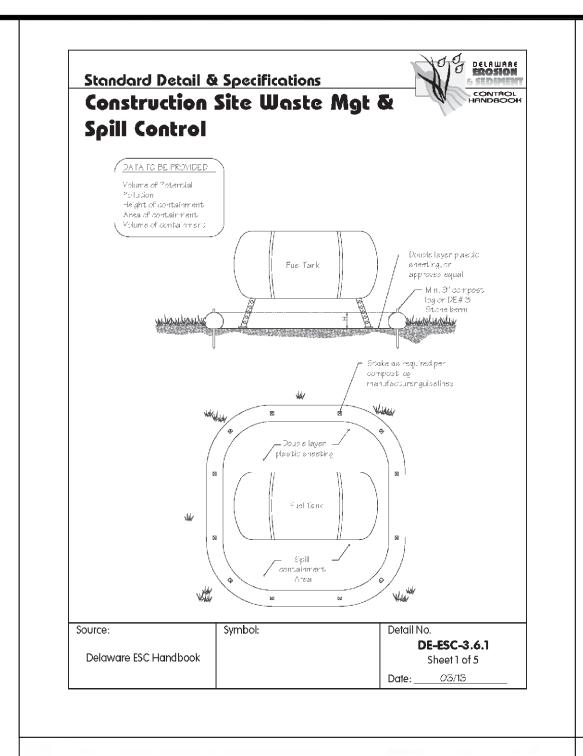
SITE

ISTRUCTION

TRAIL

TRI-VALLEY

WCCSP





Pollution Prevention - Spill Prevention

- Fueling should only take place in signed designated areas, away from downstream drainage facilities and watercourses
- 2. Fueling must be with nozzles equipped with automatic shut-off to control drips. Do not top off. 3. Protect the areas where equipment or vehicles are being repaired, maintained, fueled or parked
- from storm water run-on and runoff. Use barriers such as berms to prevent storm water run-on and runoff, and to contain spills.
- 5. Place a "Fueling Area" sign next to each fueling area.
- 6. Store hazardous materials such as fuel, solvents, oil and chemicals in secondary containment. 7. Inspect vehicles and equipment for leaks on each day of use. Repair fluid and oil leaks
- 8. Absorbent spill clean-up materials and spill kits must be available in fueling areas and on fuel
- 9. If fueling is to take place at night, make sure the fueling area is sufficiently illuminated.
- 10. Properly dispose of used oil, fluids, lubricants and spill clean-up materials. CLEAN UP SPILLS
- l. If it is safe to do so, immediately contain and clean up any chemical and/or hazardous material
- 2. Properly dispose of used oil, fluids, lubricants and spill clean-up materials. 3. Do not bury spills or wash them down with water.
- LEAKS AND DRIPS
- l. Use drip pans or absorbent pads at all times. Place under and around leaky equipment.
- 2. Do not allow oil, grease, fuel or chemicals to drip onto the ground.
- 3. Have spill kits and clean up material on-site.
- Clean up contaminated soil immediately. 5. Store contaminated waste in sealed containers constructed of suitable material. Label these containers properly

4. Repair leaky equipment promptly or remove problem vehicles and equipment from the site.

Clean up all spills and leaks. Promptly dispose of waste and spent clean up materials.					

Source:	Symbol:	Detail No.			
Delaware ESC Handbook		DE-ESC-3.6.1 Sheet 2 of 5			
		Date: <u>03/13</u>			
<u>. </u>	·	·			



b. All materials shall be stored in a neat, orderly manner in their original labeled containers

a. All waste materials shall be collected and stored in securely lidded dumpsters in a location

c. The dumpsters shall be emptied a minimum of twice per week, or more if necessary. The

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d. When possible, all of a product shall be used up prior to disposal of the container.

e. Manufacturers' instructions for disposal shall be strictly adhered to.

f. The site foreman shall designate someone to inspect all BMPs daily.

b. Waste materials shall be salvaged and/or recycled whenever possible.

licensed trash hauler is responsible for cleaning out dumpsters.

c. Paints (enamel and latex)

h. Petroleum based products

2. Good housekeeping practices

c. Substances shall not be mixed.

3. Waste management practices

Adapted from USEPA

Pub. 840-B-92-002

that does not drain to a waterbody.

a. Store only enough product required to do the job.

d. Cleaning solvents

e. Pesticides f. Wood scraps

g. Fertilizers

Standard Detail & Specifications Construction Site Waste Mgt & Spill Control

Notes (cont.)

- d. Trash shall be disposed of in accordance with all applicable Delaware laws.
- e. Trash cans shall be placed at all lunch spots and littering is strictly prohibited. Recycle bins shall be placed near the construction trailer.
- f. Iffertilizer bags can not be stored in a weather-proof location, they shall be kept on a pallet and covered with plastic sheeting which is overlapped and anchored.

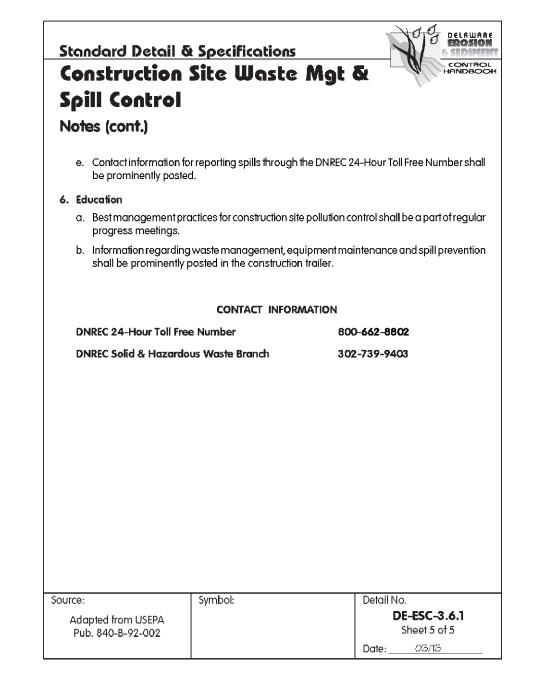
4. Equipment maintenance practices

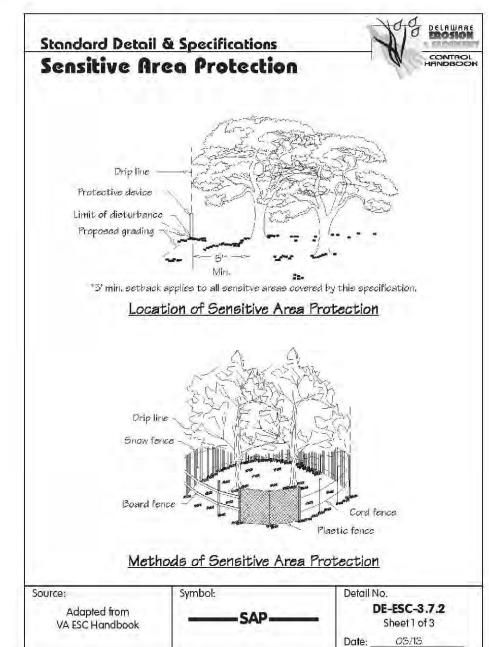
- a. If possible, equipment should be taken to off-site commercial facilities for washing and
- b. If performed on-site, vehicles shall be washed with high-pressure water spray without
- detergents in an area contained by an impervious berm.
- c. Drip pans shall be used for all equipment maintenance.
- d. Equipment shall be inspected for leaks on a daily basis.
- e. Washout from concrete trucks shall be disposed of in a temporary pit for hardening and proper disposal.
- f. Fuel nozzles shall be equipped with automatic shut-off valves.
- g. All used products such as oil, antifreeze, solvents and tires shall be disposed of in accordance with manufacturers' recommendations and local, state and federal laws and

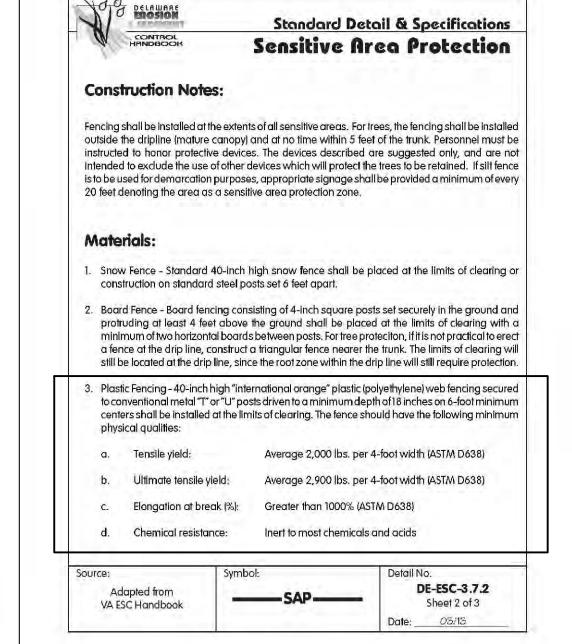
5. Spill prevention practices

- a. Potential spill areas shall be identified and contained in covered areas with no connection
- b. Warning signs shall be posted in hazardous material storage areas.
- c. Preventive maintenance shall be performed on all tanks, valves, pumps, pipes and other
- equipment as necessary.

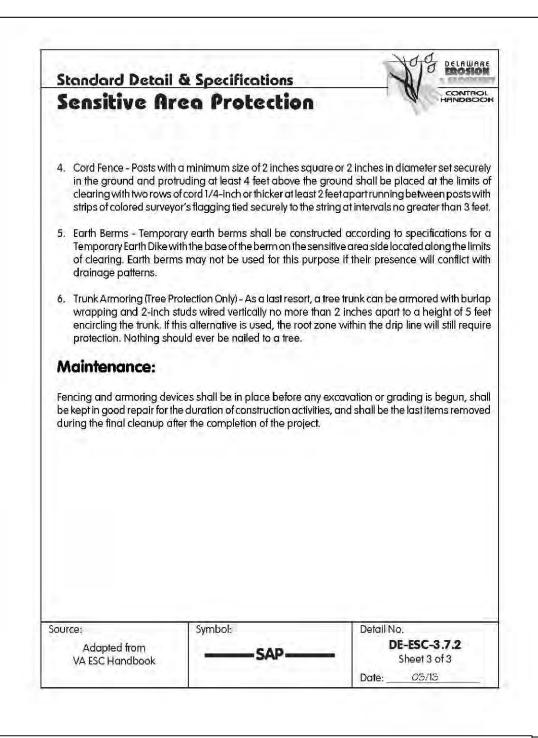
ource:	Symbol:	Detail No.	
Adapted from USEPA Pub. 840-B-92-002	•	DE-ESC-3.6.1 Sheet 4 of 5	
		Date:	03/13

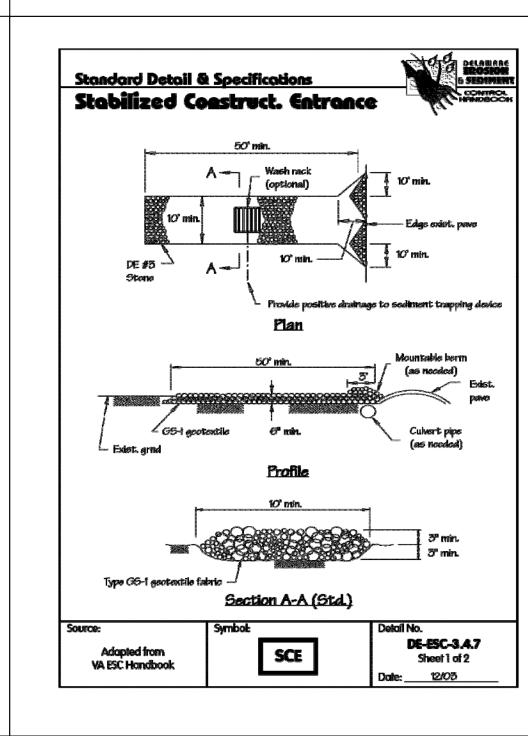


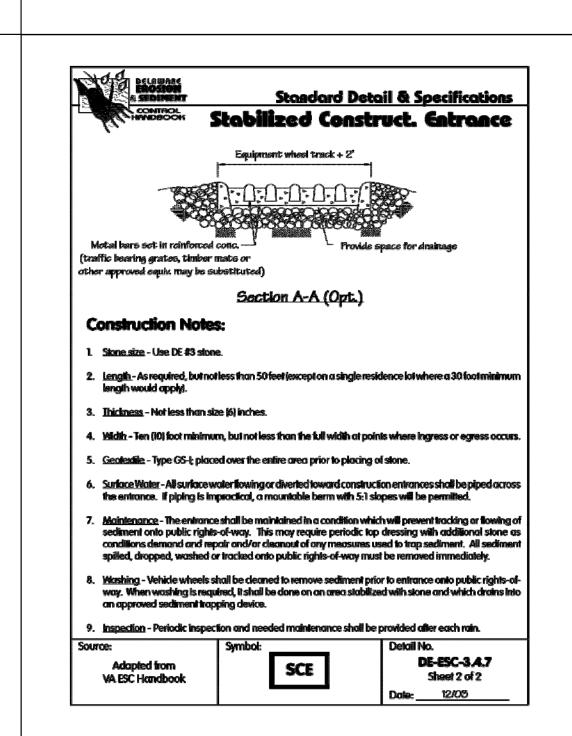


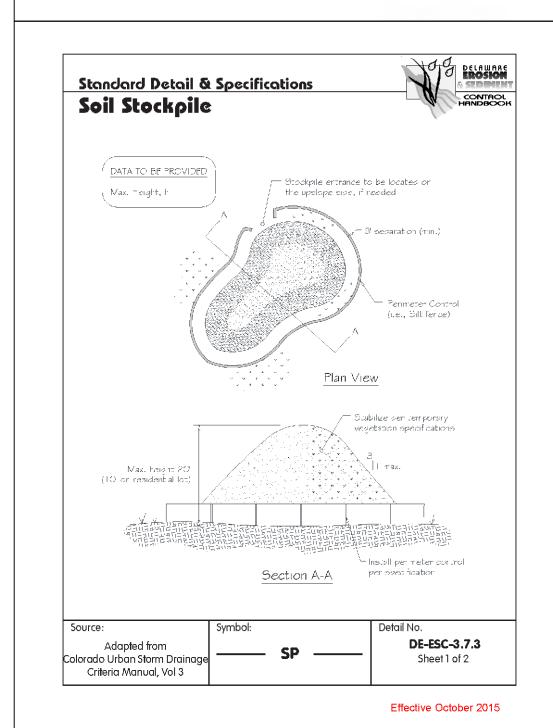


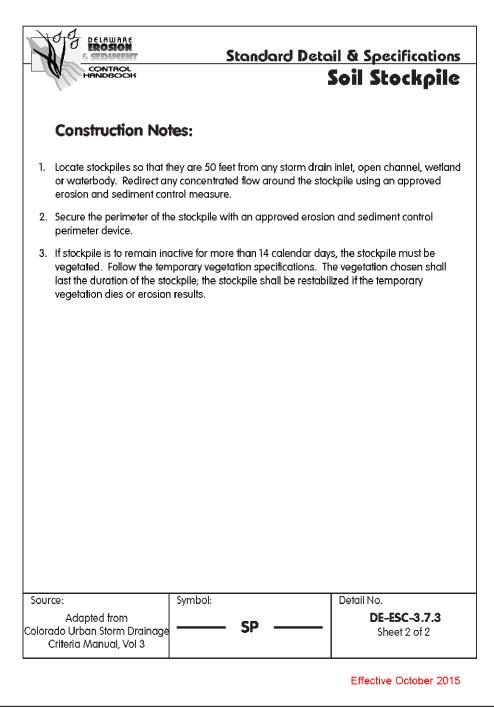
NOTE: PLASTIC FENCING SHALL BE USED FOR SENSITIVE AREA PROTECTION

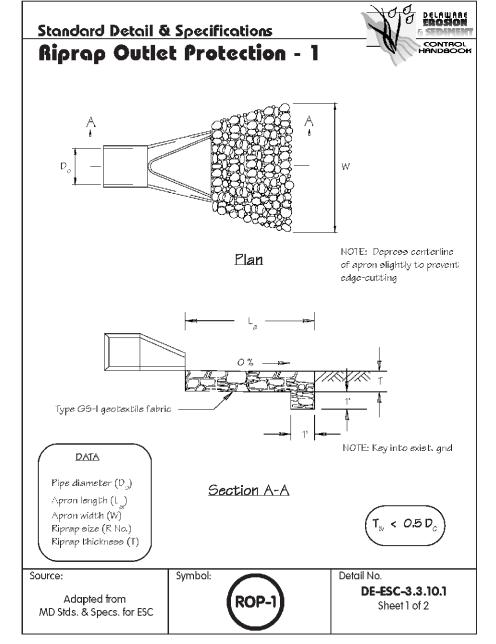


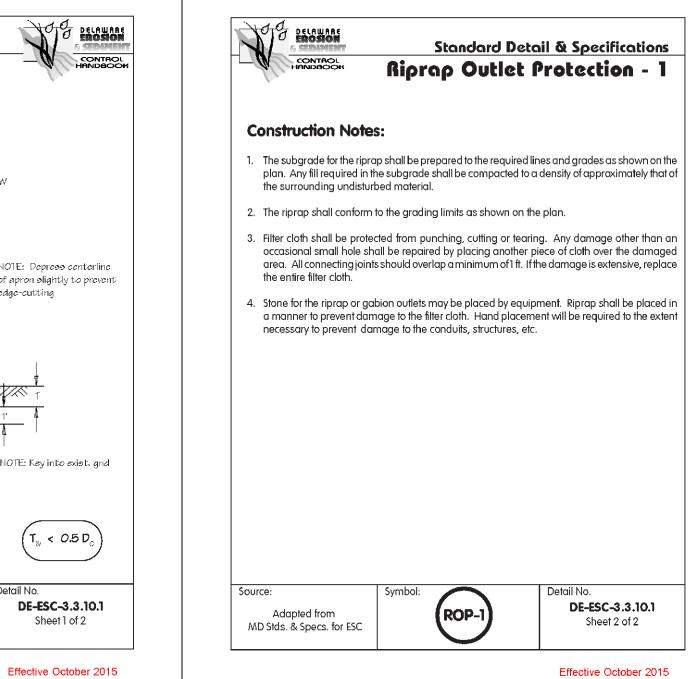


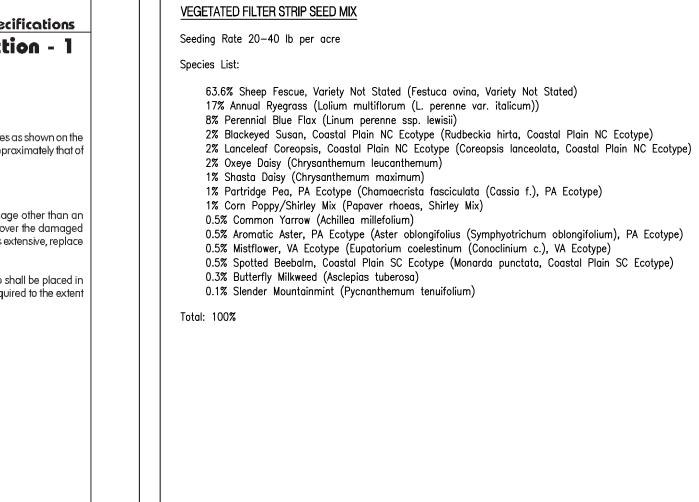


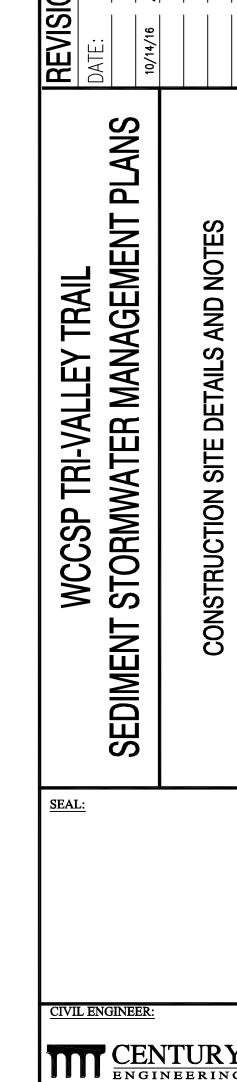








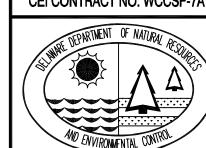




CONSULTING ENGINEERS, SURVEYORS

CEI CONTRACT NO. WCCSP-7A

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DESIGNED BY:

DRAWN BY:

CHECKED BY:

NOVEMBER 14, 2016

SCALE:

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SHEET NO.: **SWM1.5**

CONTRACT NO.: 2016-WCCSP-100